

DOCKET NO.: CHLR-0315



PATENT

Election/Amendment B/#11
8.14.02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of : Covacci et al.

5 Appln. Serial No.: 09/921,157

Group No. : 1645

Application Filing Date : August 2, 2001

Examiner : S. Devi

10 For : **HELICOBACTER PYLORI PROTEINS
USEFUL FOR VACCINES AND DIAGNOSTICS**

EXPRESS MAIL LABEL NO.: EL 827241758 US
DATE OF DEPOSIT: August 6, 2002

15 U.S. Patent and Trademark Office
Box Sequence, P.O. Box 2327
Arlington, Virginia 22202

Dear Sir:

20 **AMENDMENT AND RESPONSE**

In response to the Restriction Requirement dated July 8, 2002, Applicants request that the above-identified application be amended as follows:

25 **IN THE TITLE:**

Please amend the title to read as follows:

-- HELICOBACTER PYLORI CYTOTOXIN PROTEINS USEFUL FOR
VACCINES AND DIAGNOSTICS--.

30 **IN THE SEQUENCE LISTING:**

Please insert pages 1-18 of the sequence listing.

35 **IN THE SPECIFICATION:**

Please amend the specification as follows:

Please replace the paragraph spanning from page 52, line 15 to page 53, line 9 with
40 the following replacement paragraph:

--The *cai* gene coded for a putative protein of 1147 amino acids, with predicted
molecular weight of 128012.73 Daltons and an isoelectric point of 9.72. The basic properties
of the purified protein were confirmed by two dimensional gel electrophoresis. The codon

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